FOIPA		
FORM PTO/SB/08-VB (10-01) 2.1 mms C	Attorney Docket Number	PVI-5697CIPCON
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/714,462
	Filing Date	November 13, 2003
	Applicant(s)	Jan O. Solem, et al.
	Group Art Unit	3738
(ase as man) shoots as meets ??	Examiner Name	Urmi Chattopadhyay

		U.S. P	ATENT DOCUMENTS	
EXAMINER	Cite	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
INITIALS	No.'	4,954,126	09-04-1990	Wallsten
NC		5,061,275	10-29-1991	Wallsten et al.
			07-09-1996	St. Germain et al.
		5,534,007	11-05-1996	Fraser et al.
		5,571,135		Jayaraman
		5,713,949	02-03-1998	
		6,027,525	02-22-2000	Suh et al.
		6,350,277 B1	02-26-2002	Kocur

		FOREIGN PA	ATENT DOCUMENTS		Т6
EXAMINER INITIALS	' Cite	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ³ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	(*)

		OTHER DOCUMENTS			
EXAMINER INITIALS	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium,			
TIC	LAAKSOVIRTA et al., Expansion and bioabsorption of the self-reinforced tactic and 8				
1		LIU et al., Sutural expansion osteogenesis for management of the bony-tissue action action of the bony-tissue action of th			
		1			
		YONEYAMA et al., Super-elastic property of Ti-Ni alloy for use in dentistry, PubMed, Excerpt from Front Med Biol Eng 2000; 10(2):97-103, one sheet			
		KOTIAN, Shape memory effect and super elasticity it's dental applications, t delice,			
		KUO et al., The use of nickel-titanium alloy in orthopedic surgery in China, PubMed, Excerpt from Orthopedics 1989 Jan; 12(1):111-6, one sheet			

EXAMINER SIGNATURE MALL MALL MALL MALL MALL MALL MALL MA	DATE CONSIDERED	1/29/2	in conformance and not
EXAMINER: Initial if reference considered, whether or not citation is in conformance with considered, include copy of this form with next communication to applicant. Applicant's considered, include copy of this form with next communication to applicant. Applicant's patent Documents at www.pto.gov or MPEP 9014. Enter Office that issued the document documents, the indication of the year of the reign of the Emperor must precede the serial nurse indicated on the document under WIPO Standard ST.16 if possible. Applicant is to plan	t, by the two-letter coo	te (WIPO standard ST.3). "For Japanese patent neat by the appropriate symbol

FORM PTO/SB/03A/B (10-0))	Attorney Docket Number	PVI-5697CIPCON
Substitute for PTO-1449AVB	Application Number	10/714,462
INFORMATION DISCLOSUME STATEMENT BY APPENCANT	Filing Date	November 13, 2003
	Applicant(s)	Jan O. Solem, et al.
(use as many sheets as necessary)	Group Art Unit	3738
(230 25 (1125)	Examiner Name	Urmi Chattopadhyay

		U.S. P.	ATENT DOCUMENTS	
EXAMINER	Cite No.	DOCUMENT NUMBER Number - Kind Code ² (If Knowa)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
NITIALS	NO.	US 2001/0044568 A1 -	11-22-2001	Langberg, et al.
100		US 2002/0016628 A1	02-07-2002	Langberg et al.
		US 2002/0022880 A1	02-21-2002	Melvin
		US 2002/0087173 A1	07-04-2002	Alferness et al.
		US 2002/0103532 A1	08-01-2002	Langberg et al.
		US 2002/0103533 A1	08-01-2002	Langberg et al.
		US 2002/0111533 A1	08-15-2002	Melvin
		US 2002/0151961 A1 -	10-17-2002	Lashinski et al.
		4,164,046 -	08-14-1979	Cooley ·
· -		5,006,106	04-09-1991	Angelchik
		5,476,471	12-19-1995	Shifrin et al.
		5,584,879	12-17-1996	Reimold et al.
		5,674,280	10-07-1997	Davidson et al.
		5.741,274	04-21-1998	Lenker et al.
		5,876,419	03-02-1999	Carpenter, et al.
		5.919,233	07-06-1999	Knopf et al.
		6,183,411 B1 -	02-06-2001	Mortier et al.
		6,210,432 B1	04-03-2001	Solem et al.
		6,221,103 B1	04-24-2001	Melvin
		6,248,119 B1	06-19-2001	Solem
		6,250,308 B1	06-26-2001	Cox
		6,264.602 B1	07-24-2001	Mortier et al.
		6,264,691 B1 -	07-24-2001	Gabbay
-\ -\		6,343,605 B1	02-05-2002	Lafontaine

		·		
EXAMINER	11 11	allagur or you	DATE	1/29/2006
SIGNATURE	11 mil	a lugue de vonto	mance with MPEP 609; Draw lin	te through citation of not in conformance and not ation number (optional). ² See Kinds Codes of USPTO
anneidered Inclu	de copy of this form with no	Xf countymmeration in dehineming 1X	The state of the s	4- (1)(IDO emoderal ST 3) *For Isnamese patent
Patent Document	s at www.pto.gov of hirer	301.41 Cilia Ollice 19-1		sument "Kind of document by the appropriate symbol
documents, the in	ndication of the year of the re	adord ST.16 if possible. Applic	ant is to place a check mark here i	if English Language Translation is attached.

FORM PTO/SB/0SA/B (10-01) Attorney Docket Number PVI-5697CIPCON Substitute for PTO-1449A/B Application Number INFORMATION DISCLOSU 10/714,462 Filing Date November 13, 2003 STATEMENT BY APPLICANT Applicant(s) Jan O. Solem, et al. Group Art Unit (use as many sheets as necessary) 3738 Examiner Name Urmi Chattopadhyay

		U.S. P	ATENT DOCUMENTS	
EXAMINER INITIALS	Cite No. '	DOCUMENT NUMBER Number - Kind Code ^I (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
110		6,402,679 B1	06-11-2002	Mortier et al.
61		6,402,680 B2	06-11-2002	Mortier et al.
		6,402,781 B1	06-11-2002	Langberg et al.
		6,409,760 B1	06-25-2002	Melvin

· · · · · · · · · · · · · · · · · · ·	FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. 1	Foreign Patent Document Country Code ¹ - Number ⁴ - Kind Code ³ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	τ° (•)	
7/1		WO 95/16407	06-22-1995	Reimold et al.		
00		WO 98/18411	05-07-1998	Mahmoodi		
		WO 99/44534	09-10-1999	Melvin		
		WO 99/53977	10-28-1999	Talpade		
		WO 00/18320	04-06-2000	Melvin		
		WO 00/44313	08-03-2000	Lambrecht et al.		
		WO 01/50985	07-19-2001	Liddicoat et al.		
		WO 02/00099	01-03-2002	Liddicoat et al.		
		WO 02/01999	01-10-2002	Liddicoat et al.		
		WO 02/05888 ·	01-24-2002	Streeter et al.		
		WO 02/34118	05-02-2002	Streeter et al.		
		WO 02/053206	07-11-2002	Alferness		
		WO 02/060352	08-08-2002	Lashinski et al.		
1/.		WO 02/062270	08-15-2002	Solem et al.		
V		WO 02/062408	08-15-2002	Taylor et al.		

CKS PAS554554.1-*-03/10/04 1:33 PM

EXAMINER SIGNATURE	Mu	- Thothe	mount	DATE CONSIDERED	1/29/	2006
				ce with MPEP 609; Draw lin		it in conform ance and not 2 See Kind's Codes of USPTO
				cument, by the two-letter coo		
as indicated on the	indication of the yea the document under	r of the reign of the Em WIPO Standard ST-16	peror must precede the se i f possible Applicant is	enal number of the patent do to place a check mark here i	cument. 'Kind of docu If English Language Tra	ment by the appropriate symbols anslation is extrached.

1908		
FORM PTC/SB/03-A/B (1000) Substitute for PTO-1449-A/B	Attorney Docket Number	PVI-5697CIPCON
INFORMATION DISCLOSURE	Application Number	10/714,462
STATEMENT BY APPLICANT	Filing Date	November 13, 2003
STATEMENT DI ATTLICANT	Applicant(s)	Jan O. Solem, et al.
(use as many sheets as necessary)	Group Art Unit	3738
	Examiner Name	Urmi Chattonadhyay

		U.S. PA	TENT DOCUMENTS	
EXAMINER INITIALS	Cite No. ^t	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
110		US 2002/0124857 A1	09-12-2002	Schroeppel
		4,655,771	04-07-1987	Wallsten
		5,064,435	11-12-1991	Porter
		5,163,955	11-17-1992	Love et al.
		5,383,892	01-24-1995	Cardon et al.
	•	5,824,071	10-20-1998	Nelson et al.
		5,911,732	06-15-1999	Hojeibane
		5,980,552	11-09-1999	Pinchasik et al.
V		6,203,556 —	03-20-2001	Evans et al.

	FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ^c (•)			
IC	- · · ·	DE 196 05 042 A1	01-15-1998	Gleich Anmelder				
	_	DE 196 11 755 A1	02-05-1998	Gleich Anmelder				
		EP 0 727 239 A2	08-21-1996	Ockuly et al.				
		WO 00/41649	07-20-2000	Kocur				
		WO 01/00111 A1	01-04-2001	Solem et al.				
		WO 01/54618 A1	08-02-2001	Langberg et al.				
		WO 01/85061 A2	11-15-2001	Shapland et al.	<u> </u>			
		WO 01/89426 A1	11-29-2001	Andrieu et al.				
		WO 02/076284 A2	10-03-2002	Cohn et al.				
. //		WO 02/078576 A2	10-10-2002	Liddicoat et al.				
A		WO 02/096275 A2	12-05-2002	Cohn et al.				

EXAMINER: Initial if reference considered, whether of hot citation is in conformance with MPEP 609; Draw line through citation of not in conformance and not considered. Include copy of this form with next compression to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4 Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). For Japaneses patent documents, the indication of the year of the region of the second countries and the patent documents.						
EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609; Draw line through citation of in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4 Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). For Japaneses patent	SIGNATURE			CONSIDERED	1/29/2016	
considered. Include copy of this form with next commy sication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4/ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). 'For Japanese patent	EXAMINER: Li	itial if reference considered, wh	ether or hot citation is in	conformance with MPEP 609; Draw L	ine through citation of not in conformance and not	
Patent Documents at www.pto.gov or MPEP 901.4/ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols	considered. Inclu	ide copy of this form with next	comprédication to applica	int. 'Applicant's unique citation desig	nation number (ontional). 2See Kinds Codes of USPT	ď
documents, the indication of the year of the reign of the Empeny ones precede the serial number of the patent document. Wind of the patent document.	Patent Document	is at www.pto.gov or MPEP 90	1.4 Enter Office that iss	ued the document, by the two-letter co	ide (WIPO standard ST.3). For Japanese patent	
and the state of the last telebraic times breeds are setted difficult document. Will of document by the 3 bit of the 3 bit	documents, the in	ndication of the year of the reig	of the Emperor must pri	ecede the serial number of the patent d	ocument. Kind of document by the appropriate symb	bols
as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English Language Translation is artached.	as indicated on the	ne document under WIPO Stado	lard ST.16 if possible. *A	applicant is to place a check mark here	if English Language Translation is artached.	



FORM PTC/SB/03.4/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	PVI-5697CIPCON		
Application Number	10/714,462		
Filing Date	November 13, 2003		
Applicant(s)	Jan O. Solem, et al.		
Group Art Unit	3738		
Examiner Name	Urmi Chattopadhyay		

		FOREIGN	PATENT DOCUMEN	VTS	
EXAMINER INITIALS	Cite No.1	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ³ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T° (∨)
110		WO 02/062263 A2	08-15-2002	Cohn et al.	
710	·······	WO 96/40356	12-19-1996	Whayne et al.	

		OTHER DOCUMENTS
EXAMINER INITIALS	Cite No. ^t	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
WC	-	European Patent Office Office action dated December 22, 2003 for Application No. 00 946 661.6 - 2310
1		Written Opinion dated November 8, 2002 for International application No. PCT/EP01/10371
		International Search Report dated April 23, 2002 for International application No. PCT/EP 01/10371
		International Search Report dated March 15, 2000
		International Search Report dated October 9, 2002 for National application No. 0200073-5
1		International Search Report dated June 5, 2003 for International application No. PCT/EP 02/14655
V		

CKS PAS554558.1-*-03/11/04 2:37 PM

EXAMINER SIGNATURE	M	- Etru	Human	DATE CONSIDEREI	1/2	9/2006	
EXAMINER: In	tial if reference c	onsidered, wheth	er or not citation is in co	pformance with MPEP 609; Dra	w line through cita	tion if not in conformance	and not

EXAMINER: Initial if reference considered, whether or noticitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kind's Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor mystyprecede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16-if possible. 'Applicant is to place a check mark here if English Language Translation is a trached.

- AJE N		
FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	PVI-5697CIPCON
INFORMATION DISCLOSURE	Application Number	10/714,462
STATEMENT BY APPLICANT	Filing Date	November 13, 2003
STATEMENT DE ATTUCANT	Applicant(s)	Jan O. Solem, et al.
(use as many sheets as necessary)	Group Art Unit	3738
	Examiner Name	Urmi Chattopadhyay

OTHER DOCUMENTS				
EXAMINER Cite Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal serial, symposium (NITIALS No.' catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
W	_	CIVJAN et al., Potential applications of certain nickel-titanium (nitinol) alloys, PubMed, Excerpt from J Dent Res 1975 Jan-Feb;54(1):89-96, one sheet		
	BRENNAN, SUITE OF SHAPE-MEMORY POLYMERS. http:///pubs.acs.org/cen/topstory/7906notwl.html, News of the Week Materials, February 5, 2001, Volume 79, Number 6, Cenear 79 6 pp.5, ISSN 0009-2347, Mairin Brennan, three sheets			
		STIKEMAN, Total Recall, Technology Review - Innovation: Total Recall, An MIT Enterprise Technology Review, June 2001, two sheets		

CKS PAS554577.1-*-03/11/04 4:57 PM

EXAMINER SIGNATURE	Uni	thethe	mony	DATE CONSIDERED	1/29/2	2006
EYALINED IN	itial if reference con	cidered whether or	not citation is in conformant	e with MPEP 600. Draw lin.	e through citation if not in	conformance and not

EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4 Finter Office that issued the document, by the two-letter code (WIPO standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English Language Translation is a trached.

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DESCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	PVI-5697- CIPCON/51533/MEG/E303	
Application Number	10/714,462	
Filing Date	November 13, 2003	
Applicant(s)	Jan Otto Solem, et al.	
Group Art Unit	3738	
Examiner Name	Urmi Chattopadhyay	

CKS PAS582017.1-*-03/7/05 9:45 AM

		U.S. P.	ATENT DOCUMENTS	
EXAMINER INITIALS	Cite No.1	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
110		US 2002/0019660 A1	02-14-2002	Gianotti et al.
7		US 2004/0102841 A1	05-27-2004	Langberg et al.
	.,	US 2004/0133192 A1	07-08-2004	Houser et al.
		US 2004/0153146 A1	08-05-2004	Lashinski et al.
		5,104,404	04-14-1992	Wolff
		5,170,802	12-15-1992	Mehra
		5,593,442	01-14-1997	Klein
		5,607,444	03-04-1997	Lam
		5,817,126	10-06-1998	Imran
		6,093,203	07-25-2000	Uflacker
		6,325,826	12-04-2001	Vardi et al.
		6,537,314 B2	03-25-2003	Langberg et al.
		6,569,198 B1	05-27-2003	Wilson et al.
		6,626,899 B2	9-30-2003	Houser et al.
		6,656,221 B2	12-02-2003	Taylor et al.
		6,669,687 B1	12-30-2003	Saadat
		6,702,826 B2	03-09-2004	Liddicoat et al.
		6,706,065 B2	03-16-2004	Langberg et al.
1//		6,709,456 B2	03-23-2004	Langberg et al.
- \		6,790,231 B2	09-14-2004	Liddicoat et al.

			· · · · · · · · · · · · · · · · · · ·			·	
EXAMINER SIGNATURE	Uni	theta	Misary	DATE CONSIDERED	1/	29/a	2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. Septer Office that issued the document, by the two-letter code (WIPO standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WPO Standard ST.16 if possible. Applicant is to place a check mark here if English Language Translation is attached.

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	PVI-5697- CIPCON/51533/MEG/E303		
INFORMATION DISCLOSURE	Application Number	10/714,462		
	Filing Date	November 13, 2003		
STATEMENT BY APPLICANT	Applicant(s)	Jan Otto Solem, et al.		
(use as many sheets as necessary)	Group Art Unit	3738		
	Examiner Name	Urmi Chattopadhyay		

CKS PASS82017.1-*-03/7/05 9:45 AM

FOREIGN PATENT DOCUMENTS							
EXAMINER	Cite	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date	Name of Patentee or	T ⁶		
INITIALS	No.1		MM-DD-YYYY	Applicant of Cited Document	(∨)		

OTHER DOCUMENTS				
EXAMINER INITIALS	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
WC		Buchanan et al., Circumferential Suture of the Mitral Annulus for Correction of Mitral Regurgitation in Dogs, Veterinary Surgery, 27: 182-193, 1998.		
MC	_	Buchanan JW, Sammarco CD, Circumferential Suture of the Mitral Annulus for Correction of Mitral Regurgitation in Dogs, PubMed, Excerpt from Vet Surg 1998 May-June; 27(3): 183-93, abstract, one sheet.		

615167_1.DOC

		·			<u> </u>
EXAMINER SIGNATURE	Un thalle		DATE CONSIDERED /	/29/0	2006

EXAMINER: Initial if reference considered, whether or not citation is a conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English Language Translation is attached.